

AIM Ann Report
1954 to 1955

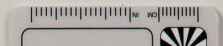
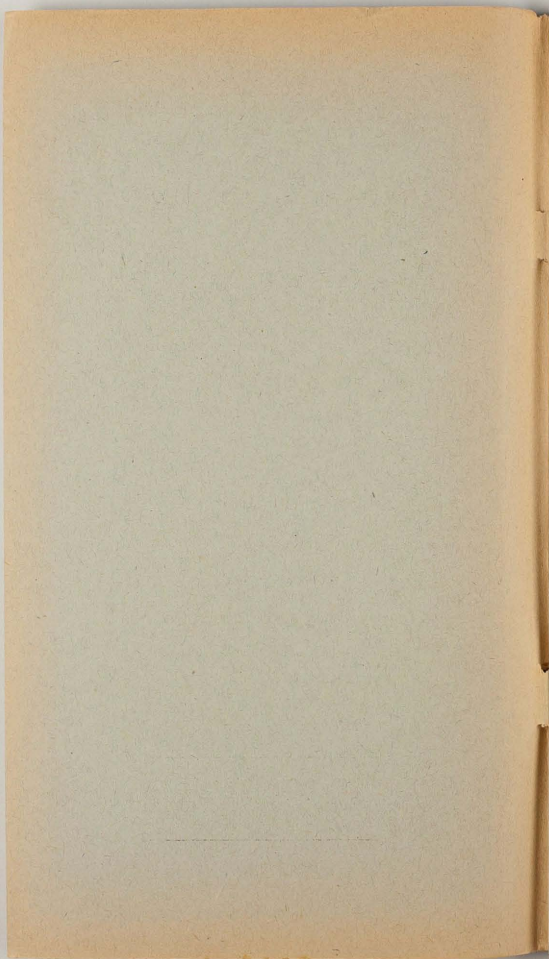
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ANNUAL REPORT
OF THE
AUCKLAND
INSTITUTE
AND MUSEUM
1954-55



For presentation at the Annual
General Meeting to be held on
23rd May, 1955.

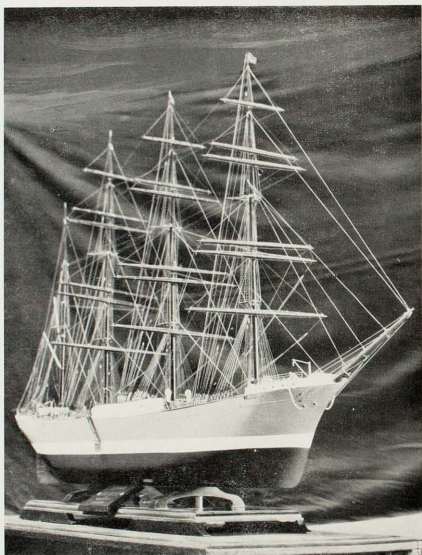
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By courtesy "N.Z. Herald."

Pamir model of four-masted barque by Mr. W. Nelson.

ANNUAL REPORT
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AUCKLAND INSTITUTE
AND MUSEUM

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For presentation at the Annual General
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AUCKLAND
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Staff of the Museum.

Director	GILBERT ARCHIEY, O.B.E., M.A., D.SC., F.R.S.N.Z.
Acting Director	A. W. B. POWELL, F.R.S.N.Z.
Ethnologist	V. F. FISHER, M.A.
Hon. Curator of English China ..	C. REGINALD FORD, F.R.I.B.A.
Ornithologist and Entomologist ..	E. G. TURBOTT, M.Sc.
Botanist	R. C. COOPER, M.A., B.COM., PH.D.
Hon. Botanist	LUCY CRANWELL SMITH, M.A., F.L.S., F.R.S.N.Z.
Associate Ethnologist and Display ..	OLWYN M. TURBOTT.
Geologist	M. H. BATTEY, M.Sc., PH.D.
Librarian	ENID A. EVANS, B.A., A.L.A.
Education Officer	R. A. SCOBIE, M.A.
Assistant Education Officer	H. GRIMSON, B.Sc.
Art Technician	JOHN McCRAW.
Bookkeeper and Typist	PAULINE C. BOYD.
Library Assistant	MARGARET V. SHAW.
Typist	D. CLARK.
Preparator	P. J. O'BRIEN.
Maintenance Officer	C. H. HENSEN.
Custodian	J. STEWART.

Attendants:

O. McGUINNESS, H. MACKAY, G. GRANT, M.C., L. O'BRIEN,
R. TURNER.

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
1954-1955

President:

PROFESSOR L. H. BRIGGS, D.SC., D.PHIL., F.R.S.N.Z.

Vice-Presidents:

MR. J. C. RENNIE, LL.B.
HON. T. BLOODWORTH.
MR. F. L.-G. WEST, V.D., LL.M.

Council:

MR. G. B. BELL, B.E., B.SC.	MR. J. W. KEALY, S.M.
MR. S. G. BROOKER, M.SC.	MR. V. J. LARNER, M.B.E.
DR. HOLBROOK A. CHATFIELD.	MR. A. T. PYCROFT.
MR. W. A. FAIRCLOUGH, M.B., CH.B., F.R.A.C.S.	SIR CARRICK ROBERTSON, F.R.C.S.
MR. C. REGINALD FORD, F.R.G.S., F.R.I.B.A.	MR. J. H. ROSE, LL.B.
SIR ALEXANDER JOHNSTONE, O.B.E., Q.C., B.A., LL.B.	MR. E. EARLE VAILE, O.B.E.

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR,	MR. J. H. LUXFORD, C.M.G.
PROFESSOR K. B. CUMBER- LAND, M.A., D.SC.	MR. A. P. POSTLEWAITE, O.B.E. MR. J. M. WHITTAKER.

Representatives of Local Bodies:

MISS C. M. RAINS, MESSRS. H. BROWN, B.A., J. M. SIMSON, M.B.E.,
P. T. WATENE.

Trust Board:

MR. V. J. LARNER (Chairman).	MR. A. T. PYCROFT.
SIR FRANK MAPPIN.	MR. J. C. RENNIE.
MR. KENNETH B. MYERS, M.B.E.	

Representatives on Council of Royal Society of New Zealand.

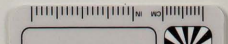
PROFESSOR L. H. BRIGGS,	MR. A. T. PYCROFT.
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Director:

GILBERT ARCHY, O.B.E., M.A., D.SC., F.R.S.N.Z.

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AUCKLAND INSTITUTE
MUSEUM



Reports to Members

President

Another milestone in our history occurred on November 29th, 1954, when we commemorated with a conversazione the twenty-fifth anniversary of the opening of the present War Memorial Museum. Sir James Gunson, President from 1917 to 1926, was the guest speaker for the occasion.

The War Memorial Committee has announced that plans are well in hand for the extensions to the Museum as the Auckland Provincial Memorial to the Second World War.

The interest in the Museum is still expanding and the demand from schools for the educational services of the Museum continues to exceed our resources.

Membership

Our membership continues to increase and our roll now stands at 1,049, of whom 312 are life members. Fifty names were removed from membership through death, resignations and deletions, while 83 new members were elected. It is hoped that the appeal for new members will succeed in increasing our membership still further in keeping with the growth of Auckland and the extensions to the Museum.

Congratulations are extended to Dr. E. D. Aubin, V. J. Larner, M.B.E., A. T. Pycroft and E. E. Vaile, O.B.E., on completing over fifty years of membership.

Obituary

We record with regret the death of the following members: Mrs. R. F. Blair, Mrs. N. Hanna, Miss E. M. Upton, Professor H. W. Segar, Dr. H. M. Goldstein, M.C., Dr. J. Hardie Neil, C.B.E., D.S.O., Messrs. R. A. Abbott, N. Brodziak, A. E. Brookes, W. Gee, Hugh Hanna, G. Henning, T. G. Julian, R. D. Scott. On the death of Professor Segar the Council placed on record its appreciation of his services to the Institute and Museum for over fifty years, in similar terms to those expressed in our last Annual Report. A gift of twenty-five guineas from the late Professor Segar has been set aside for the purchase of a suitable commemorative exhibit.

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Honours

The following members were congratulated on their receipt of honours from Her Majesty during the year: Sir Leslie K. Munro, K.C.M.G., Mr. J. Grierson, C.B.E., Mr. C. I. Nathan, O.B.E. and Mrs. E. M. Blackwell, M.B.E.

Mrs. Lucy Watson Smith (nee Cranwell), our Honorary Botanist, was awarded the Hector Medal for her researches in botany by the Royal Society of New Zealand. She is the first woman and the third member of the Museum staff to be honoured in this way. The continued interest of Mr. and Mrs. Watson Smith has been shown during the year by their very generous donation of \$5,000 to the Auckland Provincial War Memorial Fund.

Council

Ten ordinary meetings of the Council were held during the year and one extra meeting in September to receive a report from the War Memorial Committee on their campaign and to discuss the order of priority for the Museum extensions.

Sir Frank Mappin, the senior member of the Council and an honorary life member, retired before the last Annual General Meeting. Sir Frank, in addition to serving on the Council continuously since 1924, was a frequent donor of important Maori and Oceanic ethnographical collections and Chinese antiquities. The list of benefactors in our Annual Reports records no less than eight major gifts, including eighteenth century silver and Sheffield plate and the fine 16 mm. cine-sound projector installed in the Museum library. More recently he authorized the Director to spend £100 on early English furniture, and a William and Mary cabinet and early seventeenth century chairs will be exhibited shortly.

Sir Frank's position on the Council was filled at the last Annual General Meeting by the election of Mr. S. G. Brooker, M.Sc.

Professor Chapman represented the Institute at the Eighth International Botanical Congress held in Stockholm.

Staff

On his return from ten months' study leave in England the Director furnished the Council with a very comprehensive

report, and his study of the latest designs in show-cases in particular will be of great value in planning the Museum extensions. Dr. Archey has again been appointed to the Regional Council of Adult Education.

Mr. A. W. B. Powell very capably carried out the duties of Acting Director in the absence of Dr. Archey.

Mr. and Mrs. E. G. Turbott have returned after eight months' study leave in England. While overseas Mr. Turbott attended the Fourth General Assembly of the International Union for the Protection of Nature at Copenhagen, on which he reported to the Council.

Dr. R. C. Cooper has been again appointed our representative on the North Shore Scenic Board.

Gifts

The Council is very appreciative of His Excellency the Governor-General's and Lady Norrie's gift of a Niue Island canoe presented to them on their recent visit to the island.

Other outstanding gifts during the year include a bequest of £500 with interest for enhancing the Oriental collections from the late Captain G. A. Humphreys-Davies, formerly Honorary Curator of Oriental Collections, and the donor of notable collections of Chinese art to the Museum.

The Council has decided that a further bequest of £100 from the late Sir Albert Ellis, C.M.G., be applied to the purchase of important Polynesian or Micronesian ethnographical articles as being appropriate to Sir Albert's interests. Sir Albert and Lady Ellis gave £150 for library book-cases in 1944.

We are greatly indebted to Mrs. Robert Cooper for the gift of a considerable collection of botanical books from the library of her father, the late Mr. R. D. Scott, a former member of the Institute, together with bookshelves to contain them.

Thanks are again due to the Auckland Electric Power Board for their continued assistance with a gift of £25.

To all donors of gifts the Council would like to express its sincere thanks. We also acknowledge the generous rebate of £500 on the cost of renovating the Museum windows made by the Crittall Window Company.

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Commemorative Services

The Museum continues to take part in the annual commemorative services on Anzac Day and the Day of Remembrance. We also co-operate on other memorial occasions including the Battle of Britain Day and the Memorial Day for the American Veterans of Foreign Wars. During the year there was also held a memorial parade associated with the Reunion of Members of the Main Body of the First New Zealand Expeditionary Force.

Bus Services

Owing to their uneconomic running during the week the bus service is now restricted to Sundays and public holidays.

Eighth New Zealand Science Congress

This Congress, organized by the Auckland Institute, as a member body of the Royal Society of New Zealand, in conjunction with national scientific bodies, was highly successful. Two hundred and twenty-two papers in twelve different sections were presented to a total of 814 members, a record attendance for a New Zealand scientific conference. Nearly one thousand attended the evening conversazione in the Museum. Council, staff and Institute members did excellent service in organizing the Congress. The proceedings of the Congress have been published as a part of the Transactions of the Royal Society of New Zealand.

Royal Society of New Zealand

With the election of your President to the Vice-Presidency of the Royal Society of New Zealand, his position as representative of the Council has been filled by the appointment of Professor Cumberland. The Director, Dr. Archey, continues to serve on the Royal Society Council as a Government Representative.

The Council of the Royal Society has now decided, with its increasing activities, to hold two meetings of Council each year, one in Wellington and the other at the headquarters of another member body. The first meeting will consider the annual report, balance sheet, and elect officers, while the second will be mainly concerned with policy matters.

The finances of the Royal Society are causing concern, and your Council has been giving earnest attention to the problem and our contribution as the Auckland member body.

Finance

After the first year's operation of the new system of contributions by the metropolitan local bodies under the Auckland War Memorial Museum Maintenance Amendment Act, our finances this year have been satisfactory and our accounts show a credit balance of £2,710. This makes a satisfactory recovery from the deficit of £1,584 of the previous year. The provincial local bodies have again generously assisted by a voluntary contribution in most cases of one penny per person of their population, over fifty per cent. of them contributing a total of £505. It is noteworthy that one provincial local body, Huntly Borough Council, in appreciation of the Museum's services made a voluntary contribution in excess of this rate.

The salaries of the staff have been increased in accordance with Arbitration Court awards and subsequent adjustments made in Public Service salaries.

With increased revenue we are now in a position to consider the appointment of a Museum Service Officer, one of the two appointments suggested when the local bodies were approached for further assistance.

Auckland Provincial Memorial to the Second World War

It was hoped that the campaign for the Auckland Provincial War Memorial Fund of £450,000 would have closed on 29th November, 1954, the twenty-fifth anniversary of the opening of the present Memorial Museum, with the object achieved. Despite generous support, particularly from some of our own members, a balance of £78,940 still remains to be contributed. Lt.-Col. Murphy, Honorary Secretary of the Auckland Provincial War Memorial Committee, reports that the fund at the time of writing stands as follows:

By Subscriptions	£177,160
Outstanding promises	£1,400
Government subsidy	£162,500
Estimated interest	£30,000
				<hr/>
				£371,060
Total cost of Memorial	£450,000
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Balance required	£78,940
				<hr/>

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His Worship the Mayor, Mr. Luxford, has successfully appealed to his own City Council and other metropolitan local bodies to subscribe over ten years a portion of the balance required, but an assurance has been given to these local bodies that the War Memorial Committee will not relax in its effort to keep the campaign fund open with a view to soliciting contributions from businesses and householders who have not yet made a donation.

To date, the sum subscribed has come from the small total of 2,450 contributors. While the Memorial is a Provincial one and will bear the names of 3,500 men and women of the Province, less than £1,000 has come from outside the metropolitan area.

The War Memorial Committee feels assured that the public of Auckland will not fail in fully supporting this worthy cause to commemorate the sacrifices of the Second World War and tenders for the new extensions to the present Memorial Museum will be called in a few months' time. We feel at this important stage that Institute members who have not yet done so will add their contributions to the Memorial fund.

L. H. BRIGGS.

Chairman of the Trust Board

Government stock amounting to £4,250 which matured during the year was reinvested in new issues at the higher rate of interest now current; £100 of borough debentures were also repaid. Mortgage repayments amounted to £312, and Life Members' subscriptions increased by £136/10/0. The endowment funds now exceed £50,000.

Investments, which include £7,034/13/7 of reserve funds, now amount to £57,325: they comprise New Zealand Government Stock, £38,578/3/4; War Savings Investments, £10,435/17/9; Australian Commonwealth Stock, £1,982/10/0; Debentures, £2,662/10/2; and £3,666/0/0 on first mortgages with table repayments.

In closing my eighteen-year tenure of the Chairmanship of the Trust Board, I have the satisfaction of seeing the investments all soundly placed and including no advance that is not well secured.

V. J. LARNER.

Director

Notwithstanding the Eighth Science Congress activities in Auckland, the Institute lecture series extended to nine well-attended meetings. "The Sahara Desert Expedition" was described by the noted explorer, Mr. St. Barbe Baker; New Zealand visiting lecturers were Mr. R. G. Dick on "Mapping New Zealand"; Mr. E. W. Hullett on "Research and Services for the Wheat Industry"; and Dr. W. G. Whittlestone on "Milk Ejection in the Mammals; a Description of a Reflex Involving Hormones Secreted by the Brain."

The policy instituted in our centennial year of inviting sister societies to join with us in lecture evenings was continued: for Mr. Dick's lecture with a visit by the Geographical Society, and for Mr. Hullett's lecture which members of the Institute of Chemistry were invited to attend.

Auckland contributors to the syllabus were Mr. J. C. Reid, on "Recent Developments in Victorian Literary Studies"; Professor E. M. Blaiklock on "The Search for Truth in Ancient Greece"; Lt.-Col. A. R. Hughes on "A Field Naturalist in the Ceylon Jungle" and Mr. H. G. Lambert on "Exploring Caves." Dr. V. W. T. McGusty, C.M.G., O.B.E., delivered the British Medical Association lecture "A Medical Viewpoint of Colonialism as seen in the History of Fiji."

Colonel Hughes and Mr. Lambert also participated in the Sunday afternoon Museum Lectures; other contributors to this popular series were:

Mr. J. T. Diamond: "The Story of the Waitakere Ranges."

Mr. Vernon A. Brown: "Botanical Illustration."

Mr. V. F. Fisher: "The Maori History of Auckland."

Mr. A. W. B. Powell: "The Philippines."

Dr. L. H. Millener: "Rangitoto."

Dr. M. H. Battey: "Earth Fractures and Their Effects."

The Anthropology and Maori Race Section also had an interesting programme of activities. In March Mr. E. Grimes gave a brief summary of the complex racial situation in the Union of South Africa. In April Mr. A. W. Giles of Oregon University told the section of the changing emphasis in the United States of America from racial to political prejudice. Mr. M. Uliuli lectured in May on some aspects of life in

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Tonga, and in June the Rev. R. L. Challis described some problems of Pacific Islanders in New Zealand industry. A panel discussed the future of the Maori race in July, and in August Mr. J. Golson delivered a lecture and showed slides on the archaeological findings of the legendary history of the Anglo-Saxons. In September Miss E. Fisher and Mr. F. McPherson, students at Auckland University College, read papers to the Section. At the Annual General Meeting held in November the Secretary-Treasurer reported that the section had seventy members and thirty-five student members. Professor F. Keesing was to be asked to be the patron for 1955 and the following were elected to office:

Chairman: Dr. W. R. Geddes.

Hon. Secretary-Treasurer: Mr. E. Grimes.

Committee: Dr. R. O. Piddington, Mrs. O. M. Turbott, Mr. B. G. Biggs, Mr. M. Te Hau, Mr. R. A. Scobie, Mr. T. Graham, Mr. A. J. Woolston, Mr. V. F. Fisher.

For the Auckland Astronomical Society the past year was an eventful one, with membership increasing to 168 from 83 five years ago. A larger hall is necessary to hold the number that now attends lectures.

A potent factor in the increased interest in the heavens has been the annual telescope observing post at the Birthday Carnival. The weather favoured us this year, the total takings amounting to something over £80 of which the Public Relations Office share will be 40 per cent.

This year has seen the first step towards a Planetarium and Observatory. A site on Mt. Hobson has been promised by the City Council, subject to certain relevant conditions, and a campaign for funds is due to start almost at once.

Correspondence has been maintained between the Spitz Laboratories, makers of planetarium instruments, and the Society. They are very interested in our project and offer to enquire into the availability of telescopes in the U.S.A. as well as giving us all available data on planetarium projectors, Spitz in U.S. and Zeiss in Germany. The Astronomical Section now awaits the moment to open the campaign.

The Conchology Section reports that there has been no slackening of interest during the year; the monthly meetings have been quite as well attended as in previous years; the average attendance has been thirty.

A further sixteen members were enrolled during the year. A pleasing feature of these enrolments has been the number of very keen juniors amongst them. Membership now stands at 118.

A number of field days were organized and these drew a greater attendance than in previous years.

We have attempted to send out a larger monthly Newsletter, believing this to be of value, particularly to members residing in the country. This feature contains reports on meetings, observations by members of mollusca, ecological and distributional records, and tide tables.

No. 10 Bulletin was published: it contains eleven articles on various aspects of conchology, contributed by members. There has been considerable improvement in the quality of these papers. Further progress has been made on the Manukau Survey. The time has now arrived for a start to be made on the correlating of the data now assembled.

As a result of their keen field work in many parts of New Zealand, members now have a considerable list of new undescribed molluscan records.

Although two important functions, the Science Congress and the Twenty-fifth Anniversary of the Memorial Museum, required much time and attention by the staff, the regular museum activity and services did not lessen. Special exhibitions were held; the Cheeseman Native Flower Show and associated children's competitions provided the usual busy fortnight for the Museum and for sister societies; even more outside lectures than usual were given (sixty-one: Mr. Fisher, 21; Mr. Turbott, 13; Dr. Battey; Dr. Cooper, 2; Assistant Director, 19; Director, 6); field-work and collecting were proceeded with, and the results of research appeared in the annual number of the Museum "Records."

The pressure of demand continues on the School Service, both as to the number of classes wishing to visit the Museum and in requests for travel loan cases. During the year fifteen new metropolitan schools have been adding their applications for these services, and the staff could not, by a considerable margin, meet all the requests from town and country. Members of the scientific staff also take part in educational activities, on behalf of training college students and teachers in occupational therapy, and also by giving guide lectures in the Museum to members of appropriate clubs and societies.

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Every year sees important additions made to the Maori and Oceanic ethnographical collections through purchases from the Edward Earle Vaile endowment fund. This year they include smaller items such as a large Fiji kava bowl, two walking sticks showing fine native craftsmanship, also five Maori carved *patu* and feather boxes secured in England, and a large one, the most attractive Gilbert Island canoe, Te Ang Ni Raoi made by Tem Matang of Tarawa Island: its fine lines and neat sail and rigging bespeak the swift buoyancy, and the seaworthiness of these elegant craft.

A further welcome gift of ethnographical specimens from Melanesia and Tikopia has been received from Lieut.-Commander J. F. A. O'Neill, D.S.C.; a large collection of lantern slides illustrating the kauri timber industry, New Zealand scenic features and Japanese life, presented by Mr. H. T. Goldie, will be of much value for lectures and educational talks; and the exceptionally fine model of the four-masted barque Pamir by the late Mr. W. S. Nelson, presented by his daughter, Mrs. P. Sklenars, is a notable addition to the Museum's growing collection of fine ship-models.

We conclude with a word on the Library. We think members will be impressed to hear that it now regularly receives 414 overseas publications; we subscribe to 64, and 350 are received as gifts or in exchange for the Museum's own scientific publications, the Records, Bulletins and Handbooks. The Auckland Institute and Museum Library is now one of the major instruments of research and study in the Dominion.

A. W. B. POWELL.

GILBERT ARCHEY,

Visit To Overseas Museums

I add to my joint report with Mr. Powell some observations that I hope may be of interest on the study tour to Britain I made during the year. Although the purpose of the tour was technical, i.e. the examination of modern trends in show case design, structure, arrangement and illumination, some matters of general interest may be recalled.

A new display principle is being exploited — has been, indeed, for a good number of years — internal illumination. You have seen it in the shops which now glow with a brightness beyond belief of earlier generations. We have been

experimenting with it in the Museum, not altogether unsuccessfully; but experiment alone could involve repeating mistakes others may have made, and it certainly proved an advantage to see other people's enterprise, in the wood and glass as it were.

I had hoped to be offered some principles that had emerged from display experiments, but I was told there weren't any — that each new display presented its own problem and required its own special size, shape and proportion of case and other details. Nevertheless a fairly common practice could be observed, and a simple principle behind it.

We had known of the principle for long enough — that objects should be placed where they could be most easily seen — neither too high up nor too low down. But we could not realize it because external lighting required flat, shallow cases, and, if we were to exhibit as much as we really should do, the somewhat remote upper and lower shelves had to be brought into use.

Internal lighting can illuminate right to the back of a deep case, whereby the optimum height for viewing — waist to eye level — can be more fully used. So a technical problem was solved; but not altogether, for there is another side to the matter. The conveniently situated display space has to be supported, and its light-source concealed; it therefore tends to become a glass-fronted box set in a large kind of packing case. At least that is how they came to appear to us after we had been sufficiently impressed with their obvious quality of good visibility.* There is also prevailing at Home a trend of stark functionalism, or as a London newspaper had it, a fear of ornament. I agree that good proportion may not need ornament, but, I suggest, unavoidably difficult proportion may have its awkwardness masked or modified by a measure of relief to outline or surface. And, it may be added, one of the *functions* of a Museum display case is to appear reasonably attractive, or at least not to obtrude its awkwardness.

Some of the new constructions abroad did appear bulky and awkward; it will be an interesting problem for us to keep our new installations in good proportion and in harmony with the architecture of the exhibition halls.

*I had the advantage of Mr. and Mrs. Turbott's being in England and we were able to examine and discuss these problems together. But they are not held to agree with everything included in the writer's "we."

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Some interesting arrangements were noted; but we have to consider to what extent their success might have been due to the smallness of the halls in which they happened to be installed. We shall also have to decide between completely built-in groups of cases, which can be designed to carry the visitor along from one interest to another, or free-standing unit cases. Our first choice will probably be the latter for the sake of flexible experimental handling in the new halls and to spread the cost over the years between now and the completion of the Museum building.

It is not to be thought, though, that our present cases are obsolete: one saw admirable examples of enterprising modification of similar ones which secured practically all the benefits of modern lighting. And here again, the orderliness of a complete installation contributes to the continuity of theme in a display, and also meets the structural outline of the hall. That architectural unity is not just an academic ideal has been impressed on me from time to time by overseas visitors' comments on the pleasant feeling of light and space in our own halls. If these are consciously recognised as agreeable qualities we should hesitate to forego them in favour of too thoroughly "functional" arrangements in the future.

I will mention one other point—an important one. It is the supreme place in a museum, and for its public, of its collections, and of the articles displayed. Educational work is prominent in museums to-day, and, if I may say so, I saw it nowhere in Britain as active or as progressive as in New Zealand.

But Museums exist primarily to preserve the treasures of the community; in natural history, examples of creatures that are extinct or very rare, and the many specimens that must be obtained and preserved if the museum is to be able to answer its most frequent enquiry—"what is this?" It is study and research on the collected specimens that enables the educational work to be done; the staff must be sufficient in number and in training and qualifications to carry out all these tasks.

It is in the field of art, or applied art in our museums, that realization of this principle needs clear recognition, for it is here that "poor" specimens can most easily gain admission. Our Maori collection is unequalled, our general ethnographical collections are extensive and of international importance; in the field of applied art we have much that is

good, but some — and it may as well be admitted — of only moderate quality. Naturally I sought opportunities to extend and enhance our ethnographical and applied art collections. Although I spent much time seeking Maori art, very little was available. I was gratified therefore to have the opportunity of making a selection, from material kindly offered by the Wellcome Historical Museum, of a wide range of native weapons, shields and canoe equipment from many parts of the world.

I probably spent more time studying the superb museum collections of applied art, and in consulting curators and members of organizations that can help us to choose and secure pieces of high quality. I frequently attended the notable auction rooms with museum colleagues who were very kind in giving their time and their advice. A few pieces of early furniture were purchased with a sum of £150 authorized by the Council and with a donation of £100 from our constant supporter, Sir Frank Mappin; these will arrive shortly. Discussions with the officers of the National Art Collections Fund and with directors and keepers of departments in the national museums resulted in their cordial agreement to assist us in the future in selecting and securing examples, of the quality that a museum should aim to have, of early furniture, ceramics, or other kinds of applied art. New Zealand House has also kindly undertaken to attend to packing, shipping and business arrangements.

Prices of such articles are known to be high; but even if we can make a purchase only occasionally the ultimate result will be a collection and a display in every way worthy of the attention both of our own citizens, including children, and of visitors to our city.

GILBERT ARCHEY.

Assistant Director

For ten months of the year my department went into partial recess when I was appointed Acting Director during the absence overseas of Dr. Archey. The absence also of Mr. Turbott for six months of this period meant further calls upon my time.

Major events during the year, the Eighth New Zealand Science Congress in May and the Twenty-fifth Anniversary of the opening of the Auckland War Memorial Museum, meant still further commitments.

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Although most of my time was taken up at the administrative level, essential requirements in my normal field were maintained and I have since regained much of the lost ground.

For the Science Congress I served both on the Organizing Committee and as Convener to the Zoology Section, to which a paper was contributed also.

Nineteen outside lectures were given, including two to the Levin Native Flora Club and others to the Auckland Underwater Research and Spearfishermen's Club, Royal New Zealand Yacht Squadron and Roskill Men's Fellowship.

In September a session on Biotic Provinces was convened for the D.S.I.R. New Zealand National Committee on Oceanography at Wellington, and in March this was followed by participation in a two-day seminar by the same committee on Marine Communities.

Other activities took the form of committee member of "ACDAM" which is now the Auckland Branch of the New Zealand Antarctic Society and participation in a "Nature Quiz" evening for the Forest and Bird Protection Society of New Zealand, a nature broadcast at 1YA Studio and ten "Study Group" evenings for the Conchology Section.

The Records of the Auckland Institute and Museum, Vol. 4, No. 5, was edited and published in December and a new impression of "Native Animals of New Zealand," 20,000 copies, appeared in February. The number of copies of the latter either sold or distributed has now reached a total of 27,860 copies. Two papers were published during the year and a third will be out before this report is read. They are:

"The Molluscan Land Operculate Genus *Liarea*"—Museum Records.

"Old Windows for New Ones"—Conchology Section Bulletin No. 10.

"Mollusca of the Southern Islands of New Zealand"—D.S.I.R. Cape Expedition Bulletin.

Since the return to normal departmental activities considerable progress has been made with the report on the mollusca of the BANZARE Antarctic collections and some progress also with reports on the Galathea Expedition mollusca, which contains important material from New Zealand and Kermadec Island waters.

Enquiries continue to increase, especially those concerning fish and marine life generally, due in part to a long fair summer coupled with the increasing vogue of spear fishing.

A. W. B. POWELL.

Ethnologist

During the year the collections were increased by the addition of some 531 specimens. As usual the Edward Earle Vaile Trust Fund was responsible for the acquisition of important items, including a very fine sailing canoe from the Gilbert Islands complete with pandanus sail and all fittings, and a series of stone implements. Noteworthy gifts included ethnographical material from the Solomon Islands and Santa Cruz, presented by Lieut.-Commander J. F. A. O'Neill, D.S.C.; a collection of Melanesian specimens from Mrs. R. H. Gibbons; a model of the Finnish four-masted barque "Pamir" presented by Mrs. P. Sklenars; Hawaiian bowling stones presented by Mr. A. C. Munro and an important collection of Maori stone adzes from Mr. C. H. Hunt.

The Eighth New Zealand Science Congress held in Auckland during May involved extra work. In addition to serving on the Organizing Committee and being Hon. Secretary of Section J (Anthropology), an article on "One Tree Hill" was published in the Science Congress booklet and a field excursion arranged to One Tree Hill, where a talk was given on the Maori history and earthworks.

Eighteen public lectures were delivered to a variety of groups, and a series of eight Sunday Afternoon Lectures, which attracted good attendances, was organized. Of special interest was the carefully planned scheme of the Awhina Ranger Company for a visit to Fiji. Members of this Company visited the Museum on two evenings immediately before leaving for Fiji for a briefing on Fijian culture. Periods were spent in the display halls, among the research collections, and in the library, while every member received a specially prepared bibliography on Fiji. Several suburban groups visiting the Museum either during the day or evening were given special facilities in the Maori court and the Pacific Hall. Occupational therapy students continued to visit the Museum in order to examine native designs and materials which could be adapted to their particular needs. Field afternoons on One Tree Hill for history students from Ardmore Teachers' College and visiting students from the Canterbury Training College, provided an opportunity to examine the Maori earthworks and discuss the Maori history of the *pa*.

Numerous requests for the loan of material for a variety of purposes were received, and whenever possible these

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requests were met. A few specimens were thus forwarded to the Gisborne Museum and the newly formed Russell Museum, while a large collection illustrating native arts was placed in the Auckland Art Gallery for a period. Pacific Film Productions used Polynesian material, the Regent Theatre borrowed some thirty Maori carvings for the New Zealand film, "The Seekers," and the Shell Oil Company a series of Indonesian specimens as an adjunct to a display of photographic enlargements of Indonesia. Several amateur dramatic societies sought properties for particular productions and some material was also loaned to schools and other educational groups.

Considerable time devoted to the preparation of specialized sets of references on many topics has been necessary, for students and others engaged in research.

Throughout the year I have served on the Council of the Art Galleries and Museums' Association, edited the Agmanz Newsletter, and during Mr. Turbott's eight months' absence acted as Hon. Treasurer of the Association. A second term as Chairman of the Anthropology and Maori Race Section was completed during the year. At the invitation of the conveners a meeting in Wellington was attended for the inauguration of the New Zealand Archaeological Association and following appointment to the Council I served on the sub-committee for the preparation of the Constitution. The formation of the Auckland Archaeological Field Group has resulted in several meetings being held at the Museum for the examination and study of the collections.

We welcomed in November the arrival of Mr. Benedict Sandin, a Unesco fellow from the Sarawak Museum, Kuching, who has been working in the department mainly on display and exhibitions.

Field work has included brief trips to Cornwallis and Kaipara and a few days in camp with a group of history students from Ardmore Teachers' College under Messrs. A. H. McNaughton and J. Lovett. Resulting from the students' enthusiasm a number of interesting specimens were obtained. Local fortifications were examined and informal talks offered on Maori topics.

Following his appointment as Hon. Director of the Gisborne Museum, Mr L. Fowler spent almost two weeks, much of it in the department, familiarizing himself with museum routine.

Checking of the proofs of Dr. C. E. Fox's Nggela dictionary has been completed and the work is now in the final stages of production. His typed copy of the Lau dictionary has likewise been checked with the original.

In the European arts section a display of Georgian silver deposited by Mrs. G. Prinz was exhibited.

Some relief has been afforded the crowded research collections by the annex completed last year. Loose miscellaneous material was first removed to the annex, then Maori beaters, South Island adzes, Polynesian implements and finally pottery and stone material from North and South America.

Assistance from Mrs. K. Wood, Messrs. A. M. Ihle and J. T. Diamond has been highly appreciated.

V. F. FISHER.

Associate Ethnologist

The first eight months of the year were spent abroad, visiting museums in Great Britain, Switzerland, Denmark and Paris, to observe methods of display and lighting and to study collections. The British Council and the Museums Association in London assisted with advice and an itinerary for these study visits.

The placing of the new Gilbertese canoe rigged with its sail in the Polynesian Hall is an important addition to our unique collection of canoes. Te Ang Ni Raoi, which arrived in December, was built last year in Tarawa by Tem Matang, the canoe building expert of the Northern Gilbert Islands. The only Micronesian craft in our collection, this fragile-plank-built canoe is an interesting contrast to the rigged Tikopian ocean-going "Rakai Tonga" of Polynesian type.

The Prinz collection of English silver has been placed on exhibition.

Since November Mr. Benedict Sandin, assistant at the Museum of Sarawak, who is visiting New Zealand as a Unesco fellow, has been at the Museum gaining experience in methods of ethnographical display, and under supervision has prepared several exhibits, including one of Bornean material from the Vaile collection.

O. M. TURBOTT.

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Botanist

I continue to be indebted to Mrs. P. Hynes who has again rendered valuable help, in a voluntary capacity, in collecting and mounting plants for the herbarium and in decorating the living-plant table each week with native flowers.

Mrs. Betty Molesworth-Allen and Mr. Harley Powell presented their herbaria to the Museum and from these we are selecting the best specimens to add to the permanent collection and sorting the duplicates for exchange with other institutions. Smaller collections have been received from the National Herbarium, Sydney (Australian plants), Professor V. J. Chapman (algae), and Mr. John Edwards (mainly Southland plants).

An exhibition "Flowers of Five Centuries" was arranged in May, 1954, as part of the Auckland Festival of Arts. I must express my thanks to Mr. W. T. Stearn of the British Museum of Natural History for his good offices in arranging for the loan of flower paintings, and to Dr. E. Marsden, recently Scientific Liaison Officer in London, and his staff, for packing and sending the exhibits. Immediately prior to the opening of the exhibition by Mr. Vernon Brown I received the following letter from Mr. Stearn: "I regret to inform you that Mr. E. A. Bowles died on the 7th of May; on the 14th of May he would have been 90. By arrangement with his executors the Auckland Museum is to retain the prints lent by him. I have also persuaded the executors to present to the Auckland Museum the rest of his collection of plates from the *Botanical Magazine*, *Botanical Register*, etc., which probably run into several hundred. Bowles did not pull books to pieces, but many years ago he purchased the stock of a bankrupt bookseller who collected such plates. They would sell readily here, but I think it better that they should be presented to New Zealand." Mr. Bowles was a former President of the Royal Horticultural Society and the author of charming books on the crocus and daffodil. His flower prints will be a wonderful reference collection for New Zealand botanists and horticulturists.

The Spring Flower Show of Native Flowers held in September to commemorate the work of the late Thomas F. Cheeseman was opened by Sir Alexander Johnstone, Q.C.

Miss M. Crookes, Miss J. Dingley and Mrs. P. Hynes served as a committee to plan the Show.

Exhibits were provided by members of the Botanical Society, Natural History Club, Forest and Bird Protection Society, Victoria League, Lyceum Club Gardening Circle, St. Mark's Daffodil-at-home Committee, Messrs. Duncan & Davies Ltd., New Plymouth, Titirangi Beautifying Society, Y.W.C.A. Gardening Circle, Miss L. B. Moore, Botany Division, D.S.I.R., Wellington, and the Otari Open Air Museum, Wellington, Mr. A. Farnell of the staff of the Auckland Hospital Board, Mr. J. McPherson and staff of the City Council Parks Department, the staff and students of the Botany Department, Auckland University College, and the staff of the Plant Diseases Division, D.S.I.R., Mt. Albert.

The Children's Section was most capably run by Mr. Denys P. Boshier recently Nature Study Specialist at the North Shore Schools. Mr. R. L. Thornton and Mr. A. Smith served as judges and the prizes were provided by members of the Institute and the Botanical Society. To all these keen supporters of the Show I must express my sincere thanks.

ROBERT COOPER.

Ornithologist and Entomologist

During 1953 the British Council awarded me a grant-in-aid for travel, thus enabling me to take the opportunity afforded by a period of leave to visit the United Kingdom, Switzerland, France and Denmark. While in England I visited the Edward Grey Institute of Field Ornithology, of Oxford University. I received all possible assistance from the Director, Dr. D. Lack, in carrying out a programme of study upon field work and methods in recent ornithological research, and was also able to spend some time in study at the exceptionally fine Alexander Library, which is housed in the Edward Grey Institute. I am glad to express appreciation of the help given me by the staff of the Edward Grey Institute, and especially by the Librarian, Mr. W. B. Alexander. Mr. J. A. Gibb arranged for a most useful visit to the station of the Institute at Brandon, in Suffolk, to see field work on birds of coniferous forest. At the British Museum (Natural History) I received particularly valuable help and facilities for the examination of research collections, including parakeets

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(*Cyanoramphus*) and other New Zealand birds, from Mr. J. D. Macdonald, in charge of the Bird Room, and was also able to make use of the unequalled library facilities here.

A number of museums in Great Britain and other countries were visited to observe exhibition and curatorial methods, and attendance at the Conference of the Museums Association provided a special opportunity to see the various museums of Edinburgh. I greatly appreciated opportunities for discussion with Miss M. R. J. Edwards, in charge of exhibition at the British Museum (Natural History), where I found the new displays and preparation techniques of special interest. Valuable experience was also gained in natural history exhibition methods at other museums, especially, in Switzerland, at Basle Museum (Professor E. Handschin) and Berne Museum, at the Natural History Museum of Paris (Professor J. Berlioz, M. C. Jouanin), at Norwich Museum (Mr. E. A. Ellis and Miss R. Barnes), and the Wellcome Museum of Medical Science, London (Mr. W. A. Norman).

I was assisted by the Edward Grey Institute and the British Trust for Ornithology in arranging visits to two of the bird observatories organized under the Trust. At Monks' House observatory, Northumberland, I was able to see the organized courses in progress under the director, Dr. E. A. R. Ennion, to study trapping and ringing methods, and visit the sea bird sanctuary on the Farne Islands. At Cley observatory, Norfolk, I made several field trips with the warden, Mr. R. A. Richardson, and gained further experience of trapping methods.

In May I represented the Ornithological Society of New Zealand at the International Ornithological Congress (at Basle, Switzerland), and later attended the conference of the International Union for the Protection of Nature at Copenhagen, representing the Royal Society of New Zealand and the Forest and Bird Protection Society of New Zealand. The Annual Conference of the Museums Association was attended as a delegate of the Art Galleries and Museums Association of New Zealand.

An address with films on *Notornis* was given at a meeting of the Zoological Society of London, and talks on *Notornis* were included in the British Museum (Natural History) afternoon film shows. Other film showings and informal talks on birds were given to various organizations.

The total of eight months leave, from January to September, 1954, afforded a greatly appreciated opportunity for overseas experience and study. I am grateful to the British Council for much practical assistance and for help in arranging details of a programme of visits.

Since my return in October, 1954, part of the exhibition on field work for the Museum conversazione was arranged. With the assistance of Miss Evans, a special exhibition of bird illustration — "The Bird Book: Its Illustration from Bewick to the Present Day" — was set up, and the 44-page catalogue prepared. The books were mainly from the library of the Institute and Museum, but a number of fine books and paintings were lent to us especially for the exhibition.

Lectures have been given on conservation, and on field work for student teachers and senior pupils. Planning and participation in the programme for adults and children arranged by an active group, the Forest and Bird Protection Society (Auckland Section), continues to be the main organized outside activity.

Reports to the Museum of the occurrence of the bulbul (*Molpastes cafer*) were followed up and control measures instituted in co-operation with the Agriculture and Internal Affairs Departments. Research material has been sent on loan to specialist workers, including Coleoptera, cave wetas and New Zealand birds of three genera. A field trip was planned to the Mokohinau group, at the invitation of Major M. E. Johnson in his yacht "Rosemary," but owing to engine trouble was restricted to day visits to Little Barrier and Kawau Island.

E. G. TURBOTT.

Geologist

During my leave of absence from the Museum the geological collections have been excellently cared for by the Associate Geologist, Mr. A. P. Mason, and his assistant, Mr. E. Arlidge, to whom warm thanks are due. Jointly, they have catalogued a very large amount of material, so that the reserve collections, to which much has been added during my absence, are in good order and readily accessible. Mr. Mason's

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extensive revision and expansion of the Mesozoic palaeontological material has made the Museum a most important repository in this field of study.

The chief acquisition this year has been a collection of some hundreds of rocks and minerals made during my visit to Europe. Every opportunity was taken to visit classical localities to collect specimens of described material and, where possible, samples of rocks that have been chemically analysed. Amongst the more important localities visited were Northern Ireland, the North West Highlands of Scotland and the Oslo and Krager districts of Norway. Owing to shortage of storage space this material has had to remain in crates for some months, but extra shelving has been erected and a further supply of wooden trays is now to hand, so that it will shortly be unpacked and catalogued.

A collection of 88 specimens, many of well-crystallized minerals, from the Mineral Belt of Nelson was obtained during the year.

Some rearrangements were made of cabinets in the storage area, which necessitated moving about half the rock collection, but ease of access to the storage cabinets at all times has, it is hoped, been ensured.

Between 1951 and 1954 I was able to visit a number of museums in England and Scandinavia to study their methods of display. Of the institutions visited, the Geological Survey Museum in South Kensington was perhaps the most stimulating, though the Festival of Britain exhibition was also fascinating from the point of view of the variety of new techniques employed. From this study, the strong conviction emerged that the most important requirement in a museum is *flexibility* in the arrangement of display space. In particular, stereotyped forms of cases regularly, symmetrically and immovably arranged, impose the most severe limitations upon display technique. It seems to me that locally designed cases, easily modified, moved about, or knocked down for storage, and in a variety of forms for different purposes, are greatly to be desired. Cases should be designed for the exhibits, not the exhibits for the cases.

This point has been re-emphasized in the early stages of the complete rearrangement of the eastern side of the Hall of General Natural History, which has been put in hand in conjunction with Mr. P. J. O'Brien. Six dioramas (illuminated

model landscapes), two of which have already been completed, will exhibit scenes from successive periods in the remote past, featuring the animals that then existed, placed in a setting showing the environment in which they lived. The two dioramas completed show a forest scene in the Coal Age and a riverside landscape in the Age of Reptiles. A new departure in the displays is the use of ribbed wooden panels surrounding both the scene itself and the expository side panels, while internal lighting and the screening of adjacent windows focuses attention on the exhibits in the way widely favoured in modern museums overseas. The series will be completed with dioramas showing ancestral mammals, creatures of the Ice Age and a scene featuring primitive man, together with an introductory case to the whole series. Mr. O'Brien has shown the greatest ingenuity in building dioramas in the restricted space provided by the present museum cases, but it is to be hoped that specially made cases will ultimately be available so that the use of this attractive type of exhibit may be expanded.

Further work is in hand on an introductory case concerned with geological principles for the Hall of Geology.

Two small temporary exhibitions, "Mapping New Zealand" and "Antarctica," have been mounted during the year, and a contribution made to the exhibit "Twenty-five Years . . ." set up for the anniversary function in November.

Field work in the Dun Mountain area, Nelson, yielded a useful collection of minerals and also provided material for a petrofabric study of the rock dunite for which this is the type locality. This research has been made possible by the very generous help of Professor Lillie and Dr. Brothers, of Auckland University College, who have permitted me the use of a Universal Stage microscope and provided me with bench space in the Geology Department at the College. The use of a diamond saw belonging to the Department has saved much labour in the preparation of rock sections. These courtesies are warmly appreciated.

Other field trips have been made to Hukatere Peninsula, Great Barrier Island, and Little Barrier and Kawaii Islands. The last-mentioned excursion was made in the yacht *Rosemary* by courtesy of Major M. E. Johnson.

A short paper recording the mineral babingtonite, new to New Zealand, from Three Kings Islands was published in the

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Museum *Records*, and another on keratophyes from the same area has been accepted for publication in the *Geological Magazine*. Both these are the outcome of research carried out on my own resources at Cambridge University, using Museum specimens.

A lecture was given in the Sunday afternoon series during the winter, and again thanks are due to Professor Lillie for the loan of a projector suitable for Kodachrome slides, apparatus which the Museum does not possess.

Enquiries from the public have been dealt with as usual and advice supplied on several engineering and quarrying projects.

M. H. BATTEY.

Education Officer

Summary of Services for year ending 31st December, 1954.

Attendances for one-hour lessons:

Primary	Intermediate	Post-Primary	Total
28,606	3,752	4,199	36,557

Student Teachers on Section: 96.

Numbers in visiting Student Teacher classes: 508.

Schools receiving Loan Material: City, 64; Provincial, 216; Total, 280.

Attendances at Film Sessions: 1,975.

This department was directly concerned in the teaching of primary and post-primary pupils involving 34,000 attendances. To avail themselves of the Museum at all, the teachers were responsible for taking another 2,500. Some 7,000 were turned away. The demand has been phenomenal. To give as many children as possible the experience of learning in the Museum, classes have had to forego their usual maximum of three visits per year—a rather questionable practice in the efficacy of the service. This demand has made heavy drains on the time of the education officers at the expense of other functions of their work. Nevertheless it is apparent that there was a firm demand for 43,000 attendances this year. The problem arises of how far teaching in the Museum is intended to be applied to the school population. A rigid maximum may

be the counter towards superficiality in attempting to cope with the large numbers wishing to attend. Restrictions, however, are hardly consistent with the pattern of the national education system.

Teachers continue to press for more loan material. The city circuits have been revised to include all the new schools. A pool of displays is being organized to incorporate more provincial schools next year. Technologically a great advance has been made this year in overcoming the major difficulties in mounting dioramas in the standard school loan cases, which considerably widens the range of the displays.

Other activities have been dealing with requests for identification and information from the schools, conducting the Cheeseman Memorial Prize Competition, the running of the Film Sessions and assisting Nature Study Specialists.

R. A. SCOBIE.

Librarian

During the year 1,325 books and pamphlets were added to the library, 354 of which were purchased from the Edward Earle Vaile Trust Fund.

Some important donations were received. These include the documents and records of the Martha Mine, Waihi, from the Department of Mines; letter books of the Gum Workers' Union and the Dairy Employees' Union, from Mrs. Rennie; the letters of T. H. Smith, from Miss M. V. Mueller; a number of botany books and four units of shelving from Mrs. Cooper; a collection of books and periodicals, chiefly on stamps, from Mr. R. F. S. Simmonds; a number of books on building and the history of architecture from the estate of the late Mr. R. A. Abbott. We are also grateful to Mr. R. Noel Johnson who has from time to time over the past few years given collections of books to the library, and who has continued to do so during the past year.

Exchange of publications with overseas institutions continues to increase, and much valuable material is being received. Since 1948 the number of publications received on exchange has nearly trebled, 350 different titles now being received currently. By subscription, 64 overseas periodicals are received.

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The Museum's collection of New Zealand photographs has been re-organized and a catalogue is in course of preparation. This collection numbers about 5,000 photographs, and has proved of considerable use to members.

Cataloguing has continued, the catalogued stock now numbering over 21,000 items.

The library has been made a depository library for the topographical maps of the Lands and Survey Department.

Borrowings by members numbered 2,748 books, and by other libraries, 197; 2,330 people used the library for reference or borrowing.

Several lectures were given, and the conference of the N.Z. Library Association held at Wanganui was attended.

Assistance was given with the two exhibitions, "Flowers of Five Centuries" and "The Bird Book," and other smaller displays were arranged in connection with the Museum centennial celebrations and the Cheeseman Memorial Flower Show.

We acknowledge with thanks donations from the following persons: Lt.-Col. A. R. Hughes, Dr. Marshall Laird, Mr. S. G. Brooker, Mr. S. Cameron, Mr. T. C. Chambers, Mr. F. G. Cookson, Mr. J. H. Elliott, Mr. S. J. Elliott, Mr. H. T. Goldie, Mr. W. Kingsley, Mr. R. Noel Johnson, Mr. V. J. Larner, Mr. T. W. Mellor, Mr. A. T. Pycroft, Mr. E. H. Rhodes, Mr. H. Roth, Mr. P. Rukavina, Mr. W. F. Wallis, Mr. D. Walls, Mrs. Drummond, Mrs. Langstaff, Mrs. Rose, Mrs. Watson Smith, Mrs. E. M. Whisker, Miss N. Bamford, Miss James, Miss M. V. Mueller, Miss O'Kayne, Miss H. E. A. Small, Miss Stennett, Dr. W. N. Abbott.

ENID A. EVANS.

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackechnie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £100 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
1940 Mr. Maurice Harding bequeathed £500.
1941 Mr. Ormsby Gore Adams bequeathed £100.
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
Mr. R. C. Horton gave £200 towards extending the mineral collection.
Sir Albert and Lady Ellis gave £150 for Library book-cases.
£428 received on account of a bequest by Mr. C. V. Houghton.
Mitchelson Prize Fund increased to £100.

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- 1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.
Auckland Savings Bank gave £500 for improvements to Exhibition Halls.
Auckland Electric Power Board gave £100.
Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens.
- 1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
- 1947 Auckland Savings Bank Centennial Gift of £5,000.
Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- 1950 Mrs. Sarah Ann Powley, bequest of £171.
Sir Cecil Leys bequeathed £1,000.
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
- 1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
- 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
- 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
- 1887 Mr. C. O. Davis: Valuable Maori collection.
- 1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
- 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
- 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
- 1919 The Misses Yates: Collection of Indian weapons.
- 1920 Mr. James Dunning: Collection of North American Mammals.
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.

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- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits.
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.
Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.
Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.
Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
Mr. W. R. McGregor: New Ireland carved memorial figures.
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr. C. E. Clarke: Large collection of N.Z. Insects.
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection.
Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- 1932 Mr. H. S. Dudley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.

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- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost.
The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collections of insects. Colonel the Hon. F. Waite, D.S.O., M.L.C.: Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 Mrs. B. Quigley and Miss E. Kenderdine: Large number of books on early New Zealand history. Mr. E. Earle Vaile: Collection of works on South Pacific exploration and New Zealand history. Captain G. A. Humphreys-Davies: Ancient Chinese bronze sculpture. Mr. J. C. Entrican: Large collection of Eastern Polynesian stone implements.

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- 1945 **Mr. W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr. E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
- Mr. Jas. C. Entrican:** Gave his extensive collection of medals and coins and library of books on Numismatics.
- Mr. Geo. Finn:** Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
- Lieutenant A. G. Carnahan, R.N.R.:** Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr. and Mrs. J. Yock:** Old English sterling silver salver.
- 1950 **Mrs. J. P. Campbell:** Eighteenth century inlaid sideboard.
- Mr. Wm. Goodfellow:** Delft vase and other early ceramics.
- Mr. V. J. Larner:** Early china and delft vase.
- 1951 **Mrs. Goldie:** Twenty portraits of Maoris by the late Mr. C. F. Goldie.
- Rev. Harry Johnson:** Extensive collection of native arts and crafts from Tanganyika.
- Rev. Charles Palmer:** Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
- Mr. W. J. Crowther:** Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr. E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
- Sir Frank Mappin:** Eighteenth century silver and Sheffield plate.
- New Zealand Insurance Company:** Suite of large cabinets and library furniture.
- Mr. William Goodfellow:** Three Maori portraits by Lindauer.
- Sir Carrick Robertson:** Collection of Zulu ornaments.
- Lieut.-Commander J. F. A. O'Neill, D.S.C.:** Ethnographical collection from Tikopia.
- Miss W. S. Dudley and Miss Jean Robertson:** Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 **Mrs. Robert Cooper:** Collection of botanical books and book-cases.
- Sir Frank Mappin:** William and Mary walnut cabinet and early seventeenth century chairs.
- Mrs. P. Sklenars:** Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.

AUCKLAND INSTITUTE AND MUSEUM

RECEIPTS AND PAYMENTS ACCOUNT

For the Year Ended 31st March, 1955.

RECEIPTS.		£ s. d.		PAYMENTS.		£ s. d.	
To Balance, 1/4/54	279	9	2	By Salaries and Wages	14,447	10	3
" Subscriptions	709	15	6	" Insurance	93	16	6
" Subscriptions Paid in Advance	35	2	6	" Library Expenses	388	2	11
" Life Subscriptions	136	10	0	" Institute Expenses	257	12	7
" Interest—				" Specimens—			
Mortgages	174	3	4	Purchased	308	0	2
Debentures	107	12	6	Collecting and Travelling	123	6	2
N.Z. Government Stock	1,345	13	3	" Preserving and Display	357	12	10
Australian Stock	52	3	10	" School Service	128	19	5
" Local Body Contributions	19,623	6	5	" Photography and Education	115	1	4
" Sundry Receipts	28	17	11	" Publications Reserve A/c—Cost of Publications	1,505	18	6
" Savings Bank Interest	208	18	1	" General Maintenance	1,532	10	7
" Sale of Transactions	102	6	8	" Buildings Maintenance	1,235	14	11
" Sale of Publications—Reserve Account	940	12	0	" Showcases and Furniture	566	10	3
" Refund of School Service Expenses	106	7	6	" Scientific Equipment	13	16	3
" Humphreys-Davies Bequest	590	8	3	" Auckland Museum Maintenance Amendment			
" Sir Albert Ellis Bequest	100	0	0	Act, 1931 (Sec. 37)—Entertainment, Wreaths	20	9	6
" Rents from E. E. Vaile Properties Trust	1,983	10	8	" Edward Earle Vaile Trust Fund—			
" Receiver of Land Revenue—				Specimens Purchased	208	10	7
Sales	3	15	1	Library Books Purchased	363	17	11
Rent and Interest	18	2	1	Outgoings on Properties	733	11	3
" Mortgages—Repayment of Principal	312	0	0	Obsolescence Fund Account, 1954-55	200	0	0
" Debentures Repaid	100	0	0	Balance Unexpended, 31/3/55	585	10	10
" Government Stock Repaid	6	4	0	" Transfers—			
" Contributions—				Investment Account	418	4	0
Specimen Purchase	204	4	1	Life Subscriptions Account	136	10	0
Memorial Hall Account	32	16	11	Specimen Purchase Account	204	4	1
" Special Donations	108	15	10	Memorial Hall Account	32	16	11
" Science Congress Expenses Refunded	30	0	0	Museum Endowment Account	3	15	1
" Transfers—				Humphreys-Davies Bequest	590	8	3
E. E. Vaile Trust Fund—Sale of Books	95	11	11	Sir Albert Ellis Bequest	100	0	0
Income Unexpended, 1/4/54	12	8	0	Car Purchase Reserve	350	0	0
" Publications Reserve Account	565	6	6	" Balance	2,981	10	11
	£28,014	2	0		£28,014	2	0

INCOME AND EXPENDITURE ACCOUNT
For the Year Ended 31st March, 1955.

EXPENDITURE.		INCOME.	
	£ s. d.		£ s. d.
Salaries and Wages	14,447 10 3	Subscriptions	812 3 6
Insurance	93 16 6	Interest—Mortgages, Debentures and Stock	1,679 12 11
General Maintenance	1,532 10 7	Life Members	136 10 0
School Service	128 19 5	Contributions from Local Bodies	19,623 6 5
Photography and Education	115 1 4	Sundry Receipts	28 17 11
Institute Expenses	257 12 7	Sales of Transactions	102 6 8
Unauthorised Expenditure—		Savings Bank Interest	208 18 1
Entertainment, Wreaths	20 9 6	Rent and Interest—Receiver of Land Revenue	18 2 1
Building Maintenance	1,235 14 11	Memorial Hall and Specimen Purchase	237 1 0
Subscriptions Written Off	56 16 6	Special Donations	108 15 10
Balance Carried Down	5,067 2 10		
	<u>£22,955 14 5</u>		<u>£22,955 14 5</u>
Capital Purchases from Revenue	1,767 8 7	Balance Brought Down	5,067 2 10
Appropriations—		Refund of School Service Expenses	106 7 6
Life Members' Capital Reserve Account	136 10 0	Refund of Science Congress Expenses	30 0 0
Memorial Hall Trust Account	32 16 11		
Specimen Purchase Account	204 4 1		
Car Purchase Reserve	350 0 0		
Balance, 31/3/55	2,712 10 9		
	<u>£5,203 10 4</u>		<u>£5,203 10 4</u>

EDWARD EARLE VAILE TRUST FUND.

	£ s. d.		£ s. d.	£ s. d.
To Ethnological Specimens Purchased	208 10 7	By Gross Rents Received to 31/3/55	2,167 5 0	
.. Library Books Purchased	363 17 11	Less Commission	81 19 6	
.. Obsolescence Fund, 1954-55	200 0 0	Insurance	90 19 1	
.. Balance Unexpended, 31/3/55	585 10 10	Repairs	528 6 0	
		Rates	216 1 0	
			<u>917 5 7</u>	
		Net Revenue	1,249 19 5	
		Plus Balance Unexpended, 31/3/54	12 8 0	
		By Sale of Books	95 11 11	
			<u>£1,357 19 4</u>	
	<u>£1,357 19 4</u>	By Balance Unexpended, 31/3/55	£585 10 10	

EDWARD EARLE VAILE TRUST FUND

Balance Sheet as at 31st March, 1955.

	£	s.	d.		£	s.	d.
Capital Account	40,000	0	0	Properties valued at	40,000	0	0

MUSEUM ENDOWMENT ACCOUNT.

	£	s.	d.		£	s.	d.
To Balance, 31/3/55	14,005	0	11	By Balance, 1/4/54	14,001	5	10
				„ Sales—Receiver of Land Revenue	3	15	1
	£14,005	0	11		£14,005	0	11

LIFE MEMBERS' SUBSCRIPTIONS ACCOUNT.

	£	s.	d.		£	s.	d.
To Balance, 31/3/55—				By Balance, 1/4/54—			
War Savings Investments	2,481	6	9	War Savings Investments	2,409	1	4
Investments	2,494	4	8	Investments	2,430	0	1
				„ Transfer from Income and Expenditure A/c ..	136	10	0
	£4,975	11	5		£4,975	11	5

ACCUMULATING ENDOWMENT ACCOUNT.

	£	s.	d.		£	s.	d.
To Balance, 31/3/55	454	17	3	By Balance, 1/4/54	443	15	6
				„ Interest to 31/3/55	11	1	9
	£454	17	3		£454	17	3

MACKECHNIE BEQUEST ACCOUNT.

	£	s.	d.		£	s.	d.
To Balance, 31/3/55	9	8	3	By Balance, 1/4/54	9	3	9
				„ Interest to 31/3/55		4	6
	£9	8	3		£9	8	3

MEMORIAL HALL TRUST FUND.

	£	s.	d.		£	s.	d.
To Balance, 31/3/55	943	4	0	By Balance, 1/4/54	888	3	1
				„ Interest to 31/3/55		22	4
	£943	4	0	„ Transfer from Income and Expenditure A/c ..		32	16
					£943	4	0

SPECIMEN PURCHASE FUND.

	£	s.	d.		£	s.	d.
To Balance, 31/3/55	551	4	7	By Balance, 1/4/54	338	11	3
				„ Interest to 31/3/55		8	9
	£551	4	7	„ Transfer from Income and Expenditure A/c ..		204	4
					£551	4	7

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BALANCE SHEET AS AT 31st MARCH, 1955.

LIABILITIES.				ASSETS.			
	£	s.	d.		£	s.	d.
Capital Account as at 31/3/54	463,800	17	4	Buildings as at 31/3/55	206,672	16	1
Add:				Edward Earle Vaile Properties Trust—			
Capital Purchases from Revenue	1,767	8	7	Properties valued at	40,000	0	0
Capital Purchases from Reserves	476	16	7				
			466,045	2			
Endowments—Fixed:				Furniture and Fittings—			
Costley Bequest	7,700	0	0	1st April, 1954	25,530	10	7
Mackechnie Bequest	2,000	0	0	Additions	580	6	6
Campbell Bequest	1,000	0	0				26,110 17 1
Herries Bequest	1,000	0	0	Collections—			
Shaw Bequest	1,000	0	0	1st April, 1954	169,688	16	1
Goldie Bequest	1,000	0	0	Additions	1,007	9	9
Marshall Bequest	550	0	0				170,696 5 10
Harding Bequest	500	0	0	Library Books—			
Nathan Bequest	100	0	0	1st April, 1954	21,908	14	7
Pond Cheeseman Bequest	100	0	0	Additions	656	8	11
Gore Adams Bequest	100	0	0				22,565 3 6
Mitchelson Prize Fund	100	0	0	Investments—			
Houghton Bequest	533	14	3	Mortgages	3,354	0	0
Cinematography Trust Fund	2,000	0	0	Debentures	2,559	4	6
Auck. Savings Bank Trust Fund	5,500	0	0	N.Z. Government Inscribed Stock	38,571	19	4
A. V. Hanson Bequest	2,179	1	7	N.Z. War Savings Investments	10,748	18	10
E. P. Mitchelson Bequest	1,000	0	0	Australian Commonwealth Stock	1,982	10	0
A. G. Lunn Bequest	25	0	0				57,216 12 8
Sarah Powley Bequest	171	1	5	Sundry Debtors—			
Sir Cecil Leys Bequest	1,090	0	0	Subscriptions	113	14	6
Mrs. Bertha Wilson	1,000	0	0				
J. C. Entrican Bequest	1,091	8	3				
Humphreys-Davies Bequest	590	8	3				
Estate of Sir Albert Ellis	100	0	0				
			30,340	13			

Endowments—Increasing:

Museum Endowment	14,005	0	11
Reserve for Depreciation of Investments	405	15	9
Life Members' Subscriptions	4,975	11	5
Accumulating Endowment (Ambury Bequest)	454	17	3

19,841 5 4

Reserves—

Building Maintenance	5,172	17	1
Car Purchase	350	0	0
Memorial Hall	943	4	0
Specimen Purchase	551	4	7
Mackechnie Library	9	8	3
Horton Geology Fund	92	17	5
Cases for White China	10	10	0
Donations for purchase of Swords	10	0	0
Publications Reserve Account	1,921	19	2
Edward Earle Valle Properties	1,741	7	9
Trust: Obsolescence Fund	585	10	10
Revenue A/c — Unexpended, 31/3/55	75	0	0
Oceanographic Committee A/c	200	0	0
South Pacific Commission A/c			

11,663 19 1

Sundry Creditors—

Subscriptions in Advance	35	2	6
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Income and Expenditure Account—

Balance, 1/4/54	347	12	2
Plus Balance, 31/3/55	2,712	10	9

3,060 2 11

£530,986 6 1

Cash—

Post Office Savings Bank	507	5	10
Auckland Savings Bank	5,594	5	8
Petty Cash	20	0	0
Change	21	0	0
Bank of New Zealand	1,468	4	11

7,610 16 5

£530,986 6 1

GILBERT ARCHIE,

Treasurer.

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ACCESSIONS, 1954-55.

- Mr. L. R. Allen: Mineralogical specimens.
Mr. E. Z. Arlidge: Marble and Jurassic fossils.
Auckland Underwater Research and Spear Fishermen's Club: Young fur seal.
Mr. J. Bonnevie: Maori artefacts from Cuvier Island.
Dr. W. Gillies Borrie: Walking stick of oak from Ypres Cathedral.
Miss M. Bowell: Carved Maori walking stick.
Dr. R. N. Brothers: Spilite from Ruatoki.
Mrs. Buchanan: Hand-made point lace.
Mr. A. G. Carnahan: Stone adzes.
Rev. W. E. A. Carr: Collection of Solomon Island butterflies.
Flight-Lt. Carter: Maori stone adze.
Mr. W. H. Cawte: Maori stone implements.
Mr. Garth Chester: Early Oliver typewriter.
Mr. W. Clough: Four stone adzes.
Mr. and Mrs. Cook: Rhyolites, opaline and spherulitic.
Mr. Hugh P. Crallan: Carved oak bed; work of the donor's father.
Mr. C. W. Coxhead: Albino hare.
Mr. C. Darby: Fossil leaves in white sandstone.
Mr. D. G. Dollimore: Large stone adze.
The late Mr. W. Earwaker: Wooden shoes, cloth temple foot covering and bamboo musical instrument.
Mrs. A. R. Edwards: Australian frog, yellow variety.
Mr. R. D. Esdaile: Bone *pouwhenua*.
Mr. Franks: Altered rhyolite with residue fillings.
Mr. W. S. Fraser: Six Ningpo carved models; pair of lady's shoes.
Mr. J. M. Garrett: Two kiwi feather kits and one wooden fork.
Mrs. R. H. Gibbons: Melanesian ethnographical specimens.
Mr. H. Goldie: Large collection of lantern slides (a) Kauri timber industry (b) N.Z. Government publicity, scenic. (c) Japan.
The late Mr. W. J. Grundy: Canoe paddles; Niue club and model canoe.
Miss Elizabeth Hay: Laumontite.
Mr. A. O. Hebden: Old powder and shot flasks.
Dr. H. L. Hersch: Stone from Houses of Parliament, London.
Mr. C. H. Hunt: Collection of stone adzes and two grooved sinkers.

- Mr. A. M. Ihle: Boundary stone, Te Whetu-matarau Pa, Te Ararōa.
The late Miss Maude Jakins: Pair of Royal Worcester vases (Argonauta shell motif).
- Miss B. James: Maple sewing table.
- Mr. Harry Johnson: Old English indenture, 1626.
- Mr. Keogh: Collection of minerals, North Auckland.
- Dr. F. King: Greywacke.
- Mrs. J. H. Kinnear: Stone adze, wooden chopsticks and two sperm whale teeth.
- Mr. W. H. C. Leeson: Portion of large greenstone *hei tiki*.
- Miss Z. O. Lloyd: Necklace of wallaby teeth.
- Master David Long: Four lead fake castings "Billies and Charlies."
- Mr. W. H. Mansill: Small pottery vessel from Ur.
- Mrs. J. Marshall: Early prayer book, medal and old newspaper.
- Mr. G. G. N. Mitchell: Stone adzes, grooved sinker and *patu onewa*.
- Mr. C. J. Mogridge: Two New Zealand tokens, H. Ashton, 1863, and M. Sommerville, 1857.
- Mrs. C. Moore: Rush lamp.
- Miss M. V. Mueller: Greenstone and stone adzes, fern root beater, hot water bottle.
- Mr. A. C. Munro: Hawaiian bowling stones and *waka hua*.
- The late Col. D. N. W. Murray: Three flags, souvenirs of First War.
- Mrs. E. M. McBride: Carved Jacobean cabinet.
- Mr. J. S. McLeod: Small greenstone adze; tin of Danish "pemmican."
- Mr. A. A. McNeil: Stone adze.
- Mr. E. C. Napier: Case of mounted native birds; South Island.
- Their Excellencies the Governor-General and Lady Norrie: Outrigger canoe from Niue, presented to the Governor-General on his visit in 1954.
- Lt.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection, Solomon Islands, Santa Cruz, Reef Islands and Tikopia.
- Mrs. A. Parker: Pair of peasant's dancing shoes, Italy.
- Mrs. I. M. Pollett: War medals, watch, silver mug and early block-printed handkerchief.
- Miss E. J. Poynter: Stone adze and grooved stone sinker; one day brass clock.
- Mr. H. C. Prins: Carved Egyptian sandstone figure.
- Mr. R. A. Prouse: Revolving knife cleaner; wooden potato masher.

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- Mr. A. T. Pycroft: Pair of leg-irons; old lock; New Caledonia gourd in plaited cordage.
- Dr. H. D. Skinner: Three stone cutters.
- Miss I. Robertson: Small carved wooden bowl.
- Mrs. J. H. Rose: Sheet of tapa, Fiji.
- Mr. Paul Rukavina: Paper money of the former European State of Croatia.
- Mr. W. J. Rutherford: Shell trumpet, Polynesian type, found on Mt. Hobson about 1860.
- Miss E. M. Sadler: Seaweeds; herbarium specimens, 1835, Isle of Wight.
- Mrs. P. Sklenars: Model of Finnish four-masted barque, Pamir, made by the late Mr. W. S. Nelson of Napier.
- Miss I. T. Stennett: Japanese robe and English vinaigrette.
- Master James Stuart: Slag, probably from Kawau Copper workings.
- Mrs. I. E. Tutt: Eight coins.
- Miss A. T. Tattersall: Three wooden clubs, Fiji; *patu onewa* and stone adze.
- Miss Barbara Taylor: Small stone adze.
- Mr. F. S. Thompson: Lowestoft bowl, 18th century, soft paste; green-stone adze.
- Mr. D. Thornton: Skull of blackfish.
- Mr. T. S. Tooman: Leather collar of "Caesar" the bulldog mascot of A Company, 4 Battalion, N.Z.R.B.; photograph of same; and three war maps.
- Mr. I. G. Turbott: Three fishing lures, Central Solomon Islands; war souvenirs from Guadalcanal and Middle East.
- Mr. H. S. Vaughan: Leather and metal badge of French sergeant of 3rd Regt of Spahis.
- The late Mrs. B. L. Veart: Wedgewood teapot, sugar basin and cream jug; Irish glazed floral tray.
- Mr. H. B. Wallace: Broken canoe paddle, Port Albert.
- Mrs. D. A. Wein: Large piece of *tapa*, Tonga.
- The late Miss Ethel Young: Mantilla tortoise-shell comb.
- Mr. K. H. Young: Small *hinaki* or eel trap, Motumaoho.
- Auckland Zoological Park: Leopard cub; king quail; kiwi; Auckland Island snipe.
- Storm-driven and accidentally killed bird specimens, aviary birds, and several ringed birds: Mr. R. Colegrove; Mr. R. H. Exton; Mr. Cunningham; Mr. W. W. McLaughlin; Mr. E. Eason; Mr. W. D. Gibson; Mr. J. R. Graham; Mr. Rex Grogan; King's College Bird Club; Mr. P. A. Laurent; Mr. Logan; Mr. S. R. Mainland; Mr. M. F. Massey; Miss Noelle Macdonald; Mr. G. P. O'Malley; Mr. C. H. Parkin; Mr. M. Pitcon; Mrs. K. Plumptre and Master R. Cooper; Mr. D. Purser; Mr. R. A. Ringer; Mr. C. Smith; S.P.C.A.; Mr. P. A. S. Stein; Mr. M. A. Waller; Mr. T. Wightman; Dr. Wodzicki.

Members of the Auckland Institute.

HONORARY LIFE MEMBERS.

Sir Frank Mappin, Bart.	Eruini Taipari, Esq.
A. T. Pycroft, Esq.	E. Earle Vaile, Esq., O.B.E.
J. C. Rennie, Esq., LL.B.	W. G. White, Esq.
Sir Carrick Robertson, F.R.C.S.	

LIFE MEMBERS.

Adams, L.	Bollard, A. E.
Aimer, K. W., F.S.A., F.N.Z.I.A., A.R.I.B.A.	Booth, C. H.
Alexander, L. J.	Bossard, Dr. L.
Alison, E. W.	Bow, A. F.
Alldritt, C.	Bowden, B. J.
Allen, Mrs. F. G. H.	Bray, Miss E. E.
Allen, L. R., M.Sc.	Briggs, Professor L. H., D.Sc., D.Phil., F.R.S.N.Z.
Ambler, F. N.	Brooker, S. G., M.Sc.
Andrew, William.	Brothers, Dr. R. N.
Archey, Gilbert, O.B.E., M.A., D.Sc., F.R.S.N.Z.	Brown, A. G.
Ash, Miss C., M.A.	Brown, Harvey St. C.
Ashby, T. W. M., O.B.E., F.R.A.N.Z., F.A.I.S.	Brown, H., B.A.
Astley, Frank E.	Browne, W. E., B.Sc.
Astley, F. Lloyd.	Buchanan, K. R., B.C.L.
Attwood, F. C.	Buddle, Mrs. B.
	Buddle, H. D.
	Buddle, J. F.
	Bull, Peter C., M.Sc.
	Bunby, H. S.
	Buttle, R.
Ball, Mrs. I. E. M.	Cairns, Dr. F. J.
Bamford, Miss N., B.A.	Campbell, Thos. M.
Bannister, M. H.	Cassie, Mrs. R. M., M.A.
Barrowclough, Rt. Hon. Sir Harold, K.C.M.G., C.B., D.S.O., M.C., P.C., Chief Justice.	Caughey, Professor J. E., M.D., F.R.C.P.
Bartlett, W. H.	Caughey, W. G.
Baskett, Dr. Noel	Chambers, T. C., M.Sc.
Batten, Wayne.	Childs, Dr. T. D. C.
Battley, M. H., Ph.D., M.Sc.	Clark, Mrs. D.
Bell, G. B., B.E., B.Sc., M.I.C.E., A.F.R.Ac.S.	Clark, J. L.
Bell, Mrs. G. B., M.Sc.	Clements, T.
Bennett, C. F.	Clerk, Miss M. T. B.
Bielecki, R. L., B.Sc.	Clinch, Dr. J. A.
Bishop, Miss Brenda, M.A., B.Com.	Close, R. C., M.Sc.
Bishop, T. A., B.A.	Coakley, L. J., O.B.E.
Blackwell, Mrs. E. M., M.B.E.	Cookson, F. G.
Bledisloe, Rt. Hon. Viscount. P.C., G.C.M.G., K.B.E., D.Sc.	Cooper, A. N.
	Court, A. H.
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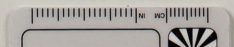
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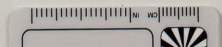
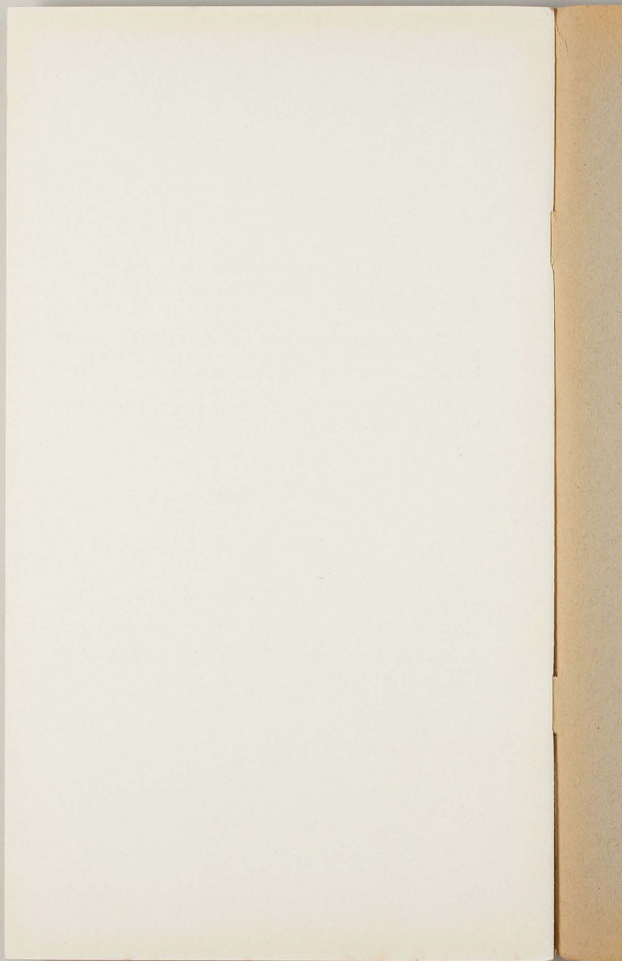
Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

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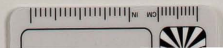
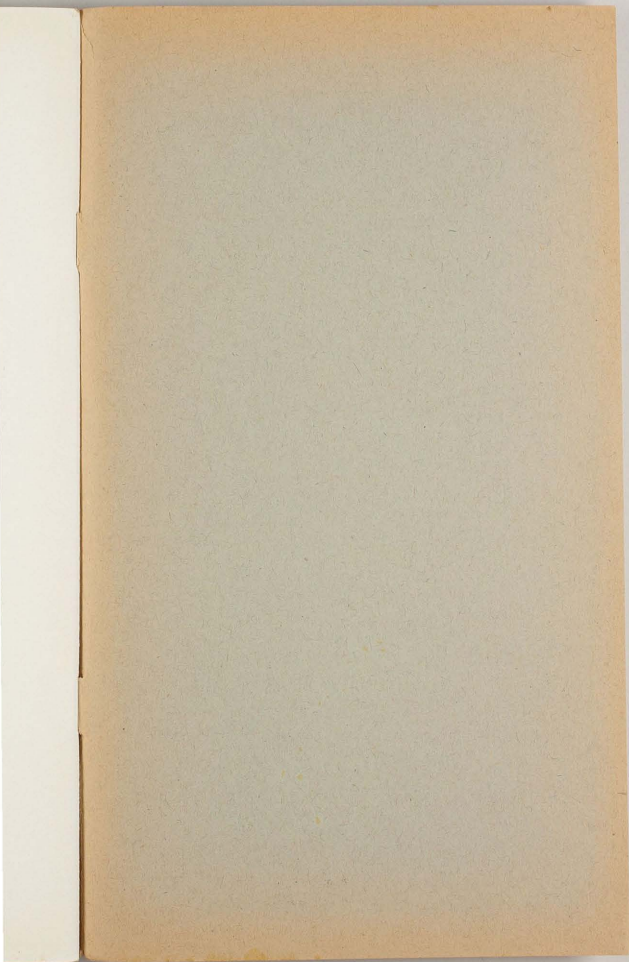
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